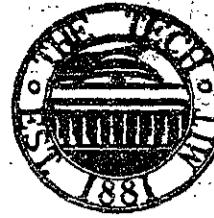


The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIV. NO. 15

CAMBRIDGE, MASSACHUSETTS, TUESDAY, APRIL 13, 1954

5 CENTS

Inscomm Faculty Debate Problems At N.H. Conclave

The fourth annual Institute Committee met last weekend, April 9 and 10, at Exeter, N. H., to discuss problems of current interest to student government. The conference was attended by the members of the Institute Committee, chairmen of the Inscomm subcommittees, and numerous members of the faculty and administration.

Following Saturday lunch at the Exeter Inn, site of the conference, and a short keynote speech by Horatio L. Bond '23, president of the Alumni Association, the meeting adjourned into the first of three sets of forums.

These forums were not planned to reach any definite conclusions, but were designed rather to give the members of Inscomm an opportunity to discuss their problems with informed members of the faculty.

The Saturday afternoon sessions included a panel on freshman orientation, led by Oliver Johns '56 and one devoted to problems of the interrelationship of the branches of student government, and communication between them, headed by Dean Jacoby '54, retiring president of Inscomm.

Consider Decentralization
Jacoby's panel used as a rule-of-thumb a statement of E. P. Brooks, Dean of the School of Industrial Management to the effect that "Within a framework of policy, decisions should not be made higher up than the facts assemble." With this in mind, the panel agreed that more authority should be given to the individual dorms.

(Continued on page 4)

Reeves, Lehrer To Play, Entertain At Dorm Weekend

Tom Lehrer and Hal Reeves will present the entertainment and music for the Dorm Spring Semi-formal to be held Friday, April 30, from 8:30 p.m. to 12:30 a.m. in Baker House. Admission price will be \$2.50 per couple, with set-ups being provided.

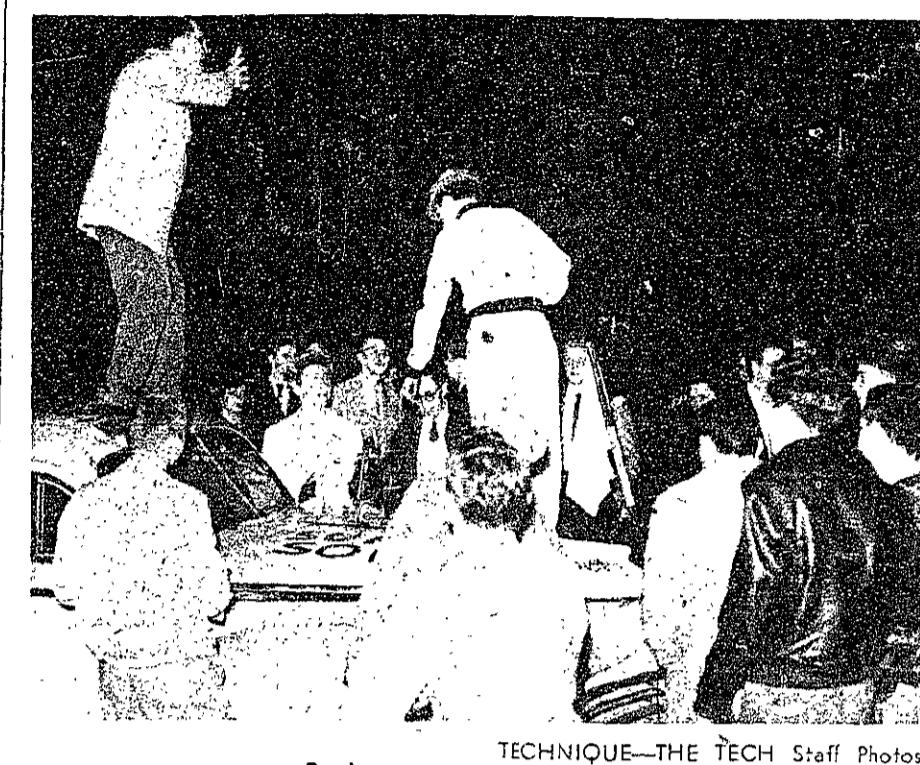
House Parties

The dance is the only event of Dorm Weekend being sponsored by the Dormitory Social Committee. The other social events will be in the form of dances or parties held by the individual dormitories.

It has been announced that Burton House will definitely hold a dance on Saturday, May 1; Baker House will probably do likewise; and East Campus will probably hold a cocktail party Saturday afternoon.

GREEK ORTHODOX MEETING

All Greek Orthodox students at the Institute are invited to attend a meeting this Friday, April 16, at 5:00 p.m. in the Library Lounge, 14-E310. William Speer, Associate Dean of Students, and Rev. James A. Coucous, Dean of the Orthodox Cathedral of New England, will speak. Refreshments will be served.



TECHNIQUE—THE TECH Staff Photos
Pandemonium reigns at the WUS carnival.

W.U.S. Carnival Earns \$500; SAM Wins Originality Prize

An estimated \$500 to \$600 profit was made at the W.U.S. Carnival held Saturday night in Rockwell cage.

535 paying customers contributed \$800 in admission fees, but \$200 to \$300 in expenses had to be deducted from this sum.

Sigma Alpha Mu's booth, "Sam's Cheapstakes," was judged the most original of the 13 exhibits by Dr. Julius A. Stratton, Vice-President and

Provost of the Institute, and Mr. William H. Carlisle, Student Personnel Manager.

The three-legged race was won by Mr. Donald L. Kreider of the Mathematics department and his student partner.

Katz Wins Bowditch

Dean of Students E. Francis Bowditch was raffled off to Herbert W. Katz '56, and Milton Ginsburg '57 won the services of Professor Albert B. Van Rennes. Dean Bowditch and Professor Van Rennes will serve as chauffeurs (and will furnish the cars) for the Assemblies Ball or the I.F.C. Dance.

Phi Delta Theta raffled off a 1941 Chrysler sedan which had been abandoned by a former member of the fraternity. Paul L. Hexter '56 won the automobile.

It has not yet been determined which of the booths took in the most money.

Minor Incident Quelled

The Carnival went off according to schedule except for an incident late in the evening at the booth of Beta Theta Pi. The object at this booth was to hit a target with a baseball. A system of levers is then tripped which precipitates a young man (or lady) into a large tub of water. At about 11:30 p.m. one over-eager spectator hurled a baseball at one of the men re-setting the apparatus. When someone attempted to stop him, a few punches were thrown, but order was quickly restored.

Tau Beta Pi Elects 48 Upperclassmen; Initiation April 25

Forty eight initiates, 25 juniors and 23 seniors, were elected to Tau Beta Pi, national honorary engineering society, on March 18. Those elected will be initiated on April 17 at Worcester Polytechnic Institute in a joint initiation and banquet with chapters from M.I.T., Tufts, Northeastern, and W.P.I.

Those elected from the Class of 1955 were: Sture R. Bengtson, Lawrence J. Berman, John B. Brown, Richard B. Hall, George F. Harper, Frederick C. Hennie III, Robert Hindel, William E. Holden, Ronald A. Howard, Norman G. Kulgein, Robert C. K. Lee, Jacques E. Linder, William J. Neff, Arthur C. Oberton, Elliott B. Perrett Jr., Martin D. Raab, Karl A. A. Reuther, John N. Rossettos, Richard G. Schwind, Walter G. Shifrin, Vladimir A. Skov, Ashton C. Stocker, Joseph Tierney, Lennard Wharton, and David S. Wilbourn.

Seniors Chosen

Elected from the Class of 1954 were: Jerome Catz, John S. Clauss Jr., David B. Cooper, Jack Dekkar, William J. Eccles, Thomas L. Falvey Jr., Harry G. B. Faulkner, Chris D. Geiser, John H. Gusmer, William L. Hartwick, Andrew S. Kariotis, James E. Klapmeier, Jay F. Koogler, Laurence Leonard, Edward Y. W. Leung, Michael J. O'Neill, Alfredo J. Peralta, Luis E. Perez-Olivares, David L. Richardson, Avron Spector, Warren H. Weatherill, Benedict R. H. Winslow, and John Zvara.

Boit, King Prizes Offered Writers In Essay Contests

Prizes totalling \$330 are to be awarded by the Department of Humanities this spring for essays written by Institute undergraduates.

The bequest of Robert A. Boit provides for the Boit Essay Prize and the Boit Prize for Imaginative Writing, each of which has a first prize of \$75, a second prize of \$40 and a third prize of \$25. Entries for the Boit Essay Prize are to be on subjects suitable for treatment in literary form, and papers submitted in a course are eligible in the competition. The "imaginative" papers may be short stories, dramas, poems, parts of novels, etc.

The Ellen King Prize, a collection of books valued at \$50, is awarded for the best essay written by a freshman on any subject suitable for treatment in literary form, but papers submitted for this prize may not be used as an entry for a Boit Prize.

Rules For Entries

Other rules of the three competitions are identical. Each entry must have a title page bearing the title of the essay, the student's name, and the student's Institute address. The student's name must not appear on any other sheet of the entry, which should be submitted in a binder from which the pages are easily removable. The manuscripts must be typed, double spaced, with margins of at least one inch on each side of the page, and they must be clean, fresh originals.

No single entry for any of the prizes is to exceed three thousand words in length, and the manuscripts must be submitted to Professor Robert R. Rathbone, Room 14 N-437, on or before May 1.



Dancing at the Baker Barbarian Brawl.

The Tech To Print Series On Politics And Economics

In the near future, *The Tech* will publish a series of articles on political and economic topics of current interest written by men associated with the "Center for International Studies."

The "Center for International Studies," a joint Harvard-M.I.T. enterprise administered by the Institute, was organized several years ago to apply social science research to problems bearing on the peace and development of the world community.

Origin Under Government

The Center, which is headed by Professor Max F. Millikan, grew out of a government-sponsored project here at the Institute which in the summer of 1950 studied the problem of how to penetrate the Iron Curtain with ideas. As this project drew to a close, the men working on it con-

cluded that there was a definite need for continued research along these lines by a more permanent organization.

At present the Center is engaged in three long-run research programs. One of these is concerned with the forces which affect the rate of economic growth and the political and social consequences of such growth. India, Indonesia and Italy are being studied from this angle.

Communications Studied

Another project is concerned with how wielders of power and influence get their information on issues of major political significance, and how the flow of information affects their behavior. Currently the Center is studying the communication patterns

(Continued on page 6)

A.S.C.E. To Hold Seminar Meeting; Breed To Lecture

On Thursday, April 15, at 4:00 p.m.

in room 1-390, the Student Chapter of the American Society of Civil Engineers will have as their seminar speaker: Mr. Charles Breed, Professor Emeritus of Highway and Railway Transportation, who will speak on the subject, "The Engineer in the Courtroom." Professor Breed is a Chi Epsilon national honor member and has written many books in the civil engineering field. The seminar is open to all who are interested, and freshmen especially are invited.

Materials Board Picks Prof. Voss As New Member

Professor Walter C. Voss, retired head of the Department of Building Engineering and Construction, has been named a member of the Materials Advisory Board within the National Academy of Science, National Research Council. This Board, which was instituted on the request of Mr. A. Quarles, Assistant Secretary of Defense for Research and Development, is being formed to advise the various defense agencies on metals, minerals, and other engineering materials.

The Tech

VOL. LXXIV

Tuesday, April 13, 1954

No. 15

General Manager
Managing Editor
Editor
Business Manager

Norman G. Kulgein, '55
Rodney W. Logan, '55
Philip Bryden, '56
Allan Scheil, '55

OFFICES OF THE TECH

News, Editorial and Business—Room 620, Walker Memorial, Cambridge 39, Mass.
Entered as second class matter at the post office at Boston, Massachusetts.

Calendar of Events

from April 14 through April 21, 1954

WEDNESDAY, APRIL 14

Food Technology Department. Food Industry Seminar: "The Harvesting, Transportation, and Distribution of Bananas." Mr. G. L. Poland, United Fruit Company, New York. Room 16-310, 2:00 p.m.

Physics and Mathematics Departments. Operations Research Seminar: "Corrosion in the Paper Industry." Mr. Frank Hulswit, A. D. Little, Inc. Room 6-219, 3:00-4:00 p.m.

Varsity Lacrosse Team. Game with Tufts College. Briggs Field, 3:00 p.m. Meteorology Department. Open House for Freshmen. Room 24-619, 3:30-5:30 p.m. Refreshments.

Electrical Engineering Department. Colloquium: "What Price Labor Peace?" Prof. Douglass Brown. Room 6-120, 4:30 p.m. Refreshments will be served in Room 6-321 from 4:00-4:30 p.m.

Inter-Varsity Christian Fellowship. Informal talk: "The Cross and the Tomb." Mr. Peter Haile. Room 5-108, 5:00 p.m.

Order of DeMolay—M.I.T. Chapter. First and Second Degree. Hayden Library Lounge, 7:30 p.m.

THURSDAY, APRIL 15

Meteorology Department. Open House for Freshmen. Room 24-619, 3:30-5:30 p.m. Refreshments.

Acoustics Laboratory and Aeronautical Engineering Department. Joint Seminar: "The Mechanics of the Rijke Tube." Prof. G. F. Carrier, Division of Applied Science, Harvard University. Room 33-319, 4:00 p.m.

American Society of Civil Engineers—Student Chapter. Lecture: "The Engineer in the Courtroom." Prof. Charles Breed. Room 1-390, 4:00 p.m.

Lecture Series Committee: Film: "The Lavender Hill Mob," starring Alec Guinness, and color cartoon. Room 10-250, 5:00, 7:30, and 9:30 p.m. Admission: 30 cents.

M.I.T. Electric Railroaders' Association. Films on the Electric Railway and newsreel of Trolley-Airplane Race. Room 5-204, 5:00 p.m.

Department of Architecture and Planning. Lecture and color slides: "The Humanist Approach in Contemporary Architecture." Mr. Denys Lasdun, London architect. Room 7-427, 8:00 p.m.

FRIDAY, APRIL 16

Mechanical Engineering Department. Seminar: "Theory and Experiments on Self-Excited Water Hammer." Prof. Sumiji Fujii, Visiting Fellow in the Department of Mechanical Engineering. Room 3-370, 4:00 p.m. Coffee in Room 3-174 from 3:30-4:00 p.m.

Varsity Baseball Team. Game with Brandeis University. Briggs Field, 3:30 p.m.

SATURDAY, APRIL 17

Nautical Association. Varsity Sailing Team, Harvard-M.I.T. Regatta. Sailing Pavilion, 12:30 p.m.

Freshman Golf Team. Match with Exeter Academy. Unicorn Golf Club, 1:00 p.m.

Freshman Track Team. Meet with Governor Dummer School. Briggs Field, 1:30 p.m.

Varsity Track Team. Meet with Bowdoin College. Briggs Field, 1:30 p.m.

Varsity Tennis Team. Match with Worcester Polytechnic Institute. Burton House Courts, 2:00 p.m.

SUNDAY, APRIL 18

Nautical Association. Freshman Individual Championship Eliminations. Sailing Pavilion, 9:00 a.m.

MONDAY, APRIL 19

Nautical Association. Varsity Sailing Team. Oberg Trophy. Sailing Pavilion, 12:30 p.m.

Varsity Baseball Team. Game with Boston College. Briggs Field, 3:30 p.m.

TUESDAY, APRIL 20

Freshman Baseball Team. Game with Harvard College. Briggs Field, 3:30 p.m.

Freshman Lacrosse Team. Game with Harvard College. Briggs Field, 3:30 p.m.

Department of Architecture and Planning. Film Program: "Art and Life in Belgium" and "March of Movies." Room 7-427, 4:00 p.m.

Committee on Machine Methods of Computation. Seminar: "Solution of Linear Programming Problems by the Simplex Method of Computation." Mr. Hrand Saxonian. Room 12-182, 4:00 p.m.

Christian Science Organization. Subject: "Healing Sickness." Litchfield Lounge, Walker Memorial, 5:15 p.m.

WEDNESDAY, APRIL 21

Food Technology Department. Food Industry Seminar: "High Frequency Heating and Its Application in the Food Industry." Dr. David A. Copson, Raytheon Manufacturing Company, Waltham, Mass. Room 16-310, 2:00 p.m.

Varsity Golf Team. Match with Bowdoin College. Unicorn Golf Club, 2:00 p.m.

Varsity Baseball Team. Game with Bowdoin College. Briggs Field, 3:30 p.m.

Varsity Tennis Team. Match with Bowdoin College. Burton House Courts, 3:30 p.m.

M.I.T. Choral Society. "King David" by Honegger, with a Boston Symphony Chamber Orchestra under the direction of Klaus Liepmann. Soloists: Margo Willauer, soprano; Eunice Alberts, alto; Donald Sullivan, tenor; and Bryant Haliday, narrator. Sanders Theatre, 8:30 p.m. Tickets on sale in Building 10 for \$1.50 and \$2.00.

EXHIBITIONS

Textiles and ceramics are the theme of an exhibition being held in the New Gallery of the Charles Hayden Memorial Library through April 24. One hundred items by twenty-seven textile designers will be shown. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturdays: 2:00-5:00 p.m.

Photographic Salon prints by PHOTOGRAPHY Magazine will be on display in the Photo Service Gallery, Basement of Building 11, through April 18.

Starting on April 19, Pictorial Prints by Mr. O. E. Romig of Pittsburgh will be on exhibit in the Photo Service Gallery.

CALENDAR OF EVENTS

Although THE TECH will not appear next Tuesday because of the holiday, the Calendar of Events will be published as usual, carrying announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of April 21-28 is due April 15.

through the mail

To the Editor of The Tech:

In view of many comments by dormitory residents concerning an article in the Tuesday, April 6, issue of The Tech which reported the March 22 meeting of the Dormitory Council and certain statements made thereat, I believe a clarification of several facts is both necessary and in order. Quotation marks below indicate phrases from the stated article.

(1) Neither the present "set up" with respect to penalties for Open House violations nor that of the past has subjected an individual leaving the dormitories at 1:05 a.m. to "the same treatment as one caught at 4:00 a.m., namely expulsion from either the dorms or the Institute." Violations are judged on their individual merits and degree.

(2) The enforcement program referred to, the so-called "spot checks," can be outlined as follows: both the Dormitory Judicial Committee and the Dormitory Council feel that the responsibility for the enforcement of Open House privileges lies on the shoulders of every dormitory resident, particularly those in dormitory student government; for one of the duties of any government is to protect the rights and privileges of those who institute that government from those persons who would jeopardize or destroy these rights and privileges. The House Committees have as much authority over the situation as they individually choose to assume and the enforcement problem in their respective houses can be handled as they see fit, so long as the residents are assured some protection of their privileges assuming, of course, that the residents want these privileges. House Committee members and Hall Chairmen will NOT "patrol the dorms" UNLESS they desire to do so. Nor will the Dormitory Judicial Committee "patrol the dorms," but rather, certain members will stay up later on random nights and be alert for persons leaving the dorms in the early morning hours. There are no lines dividing the authority or the working hours of the individual residents, the House Committees, and the Judicial Committee; all have concurrent jurisdiction.

(3) The Dean's Office alleged "veto" of a certain Open House change requested by the Dormitory Council was merely a statement by the Dean that he would have a particular Faculty Committee consider the request of the Council if the Council so desired, which it did. The change requested was to draw the hours back from 5:00



l. to r. Percy Ziegler, Emmanuel Otis, Seabury McGowen at the investiture of Seabury McGowen as president of TCA by the past president Emmanuel Otis.

To the Editor of The Tech:

Last week, on The Tech's sports page, an athletic bleeding heart shed large and profuse tears about the indifference of the MIT boys to organized and intercollegiate athletics. "You just don't care," he sobbed, "you just don't care at all." Nobody cares about the big, red, heroic T on virile and musclebound chests; nobody appreciates the six-o'clock-Lynn-heroes and the seven-o'clock-crew-men-with-cold-suppers. Where, in Hercules' name, is the old Ra-Ra-Ra spirit?

Please dry your eyes, o beautiful physical specimen, for your tears are of no avail. You are absolutely right, most of us don't care! What's more, we are not even ashamed to proclaim it, nor do we have any urge to change. And while your head sinks under the crushing disgrace of an unathletic college (pardon the blasphemy), we will attempt to explain to you the reasons "why we don't care."

1. This institution is a place of learning, an occupation notoriously connected with the brain.

2. In a place of learning, studying takes first place.

3. Whoever participates in sports does so voluntarily and for personal satisfaction. If some discomfort is associated with it, one can either take it in stride or quit.

4. Sport, if kept in its proper per-

spective, is a good thing. The primary emphasis should be, however, in providing and expanding sports facilities for all students first, rather than for the select few who are proficient enough to make the team.

5. The old Ra-Ra-Ra spirit is immature and adolescent hogwash and its absence at this institution is gratifying to a great number of students.

6. I, and many students with me, are more proud of being in a school known for its contributions to mankind and science rather than by the doubtful and transitory glory of winning a "Bowl" or owning the largest stadium in the country.

So, my depressed athletic apologist take a tissue, wipe dry your eyes and do a few push-ups to calm your rage. Actually it is not true that we don't care. We do care very much. Only about different things. You may go on caring about the Hockey rink. I have enough trouble caring about my next quiz.

Berthold Lippel, '56

April 9, 1954

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presents

ALEC GUINNESS

starring in

THE LAVENDER

HILL MOB

Thursday, April 15

5.00 7.30 9.30 p.m.

admission 30 cents

Room 10-250

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TECHNOLOGY STORE



Sherm Uchill '55, date, and balloon having a talk at the Baker Barbarian Brawl.



By Paul W. Abrahams '56

While slowly awakening from a sound sleep during a physics lecture in Room 10-250, we happened to reflect upon this large and spacious room, and the activities occurring in it which were so effective in inducing a somnolent state. We thought of the generations of past students who had already been instructed in the occult mysteries of Mechanics, Electricity and Magnetism, and Optics, and of the myriads who would probably succeed them, following the same twisted and tortuous path of Newton, Joule, Coulomb, and the rest.

Our eye wandered about the room, picking out the various items which were scattered about. As we gazed down from our perch in the sixtieth row, we contemplated the ladder of black and white rods which hung from the ceiling. We recalled the wild speculations of our classmates when we were Freshmen concerning the use of this piece of apparatus. Some suggested that it was provided for the use of trapeze artists who wished to practice their art. Others thought that it would be used in the last lecture of the year, when the professor would climb up it and then disappear into a trapdoor in the ceiling. A few suggested that it was a mobile, similar to the one then in the lobby of building

seven. There was a distinct feeling of disappointment when it was discovered that the device had such a mundane use as the demonstration of simple harmonic motion.

As we were reflecting thus, we were startled by a loud bang, and the room was plunged into darkness. The noise was not due to a hydrogen bomb, however; it was merely the clicking of the relay which controlled the lights. Apparently we were to have an optical demonstration. A spot of light appeared on the far wall, and as the professor focussed the carbon arc projector, the spot became more sharply defined. It was practically focussed when the projector died. The professor turned on the lights again, readjusted

the projector, and then shut the lights off. The spot was sadly blurred. The projector faded out three times before the demonstration was successfully given at last.

Our gaze now fell upon the bench on which the demonstration equipment was mounted, and on the tracks on which it rolled. We had heard interesting tales of these tracks. A number of years ago they were allegedly part of the MTA system. However, one fine day in 1947 an 8.02 lecture was somewhat disrupted when the doors at the end of the room opened, and down the tracks there came rolling slowly and majestically a string of three Watertown trolleys. Since that time, the connection has



Cafe room at Phi Kappa's "Gay Paree" party.

IT'S ALL A MATTER OF TASTE

Late for your date? She hates to wait?
Need something nice to soothe her?
Give her a round, firm Lucky Strike—
They're cleaner, fresher, smoother!

W. T. Donoghue
University of Virginia

When you come right down to it, you smoke for one simple reason... enjoyment. And smoking enjoyment is all a matter of taste. Yes, taste is what counts in a cigarette. And Luckies taste better.

Two facts explain why Luckies taste better. First, L.S./M.F.T.—Lucky Strike means fine tobacco...light, mild, good-tasting tobacco. Second, Luckies are actually made better to taste better... always round, firm, fully packed to draw freely and smoke evenly.

So, for the enjoyment you get from better taste, and only from better taste, Be Happy—Go Lucky. Get a pack or a carton of better-tasting Luckies today.

My roommate was a grouchy soul—
No person could be meaner;
But Luckies made him change his tune—
They're smoother, fresher, cleaner!

Chad Fornshell
Indiana University



When you light a Lucky Strike,
You're sure to recognize
That cleaner, fresher, smoother taste
Collegians idolize!

Jean N. Singleton
San Jose State College



COLLEGE SMOKERS PREFER LUCKIES

A comprehensive survey—based on 31,000 student interviews and supervised by college professors—shows that smokers in colleges from coast to coast prefer Luckies to all other brands! The No. 1 reason: Luckies' better taste!

CLEANER,
FRESHER,
SMOOTHER!

A couple leaving Phi Kappa's "Gay Paree" party.

been broken, and the tracks have been used only for moving demonstration equipment and occasionally for giving rides to the small children of very wealthy and generous alumni.

The bench itself was also an object of interest. On it there were mounted clamps of all sizes and shapes. Rods were projecting at various angles, and from them there were suspended all manner of lenses, prisms, and such. There were also several carbon arc projectors of the sudden-death variety, which were being switched on and off at various intervals. After a great deal of exposition by the lecturer on this equipment, and on the principles it was demonstrating, we finally came to the conclusion that light occasionally travels in straight lines.

At this point, we heard what sounded like a round of cannonballs hitting a Chinese gong. The steamfitters had apparently completed their lunch hour, and were going to work with renewed vigor. Their banging formed a regular cadence, which kept in time with the key words in the professor's explanation. We cursed the anonymous designer of the Institute's plumbing system, and the witless soul in the employment office who had selected such overzealous workmen. For some reason which was beyond our comprehension, the plumbers seemed to follow us around from class to class. They were omnipresent. Except for their lunch hour, they were with us throughout the day, with their steady, rhythmic beat, which seemed to be slowly knocking a hole through our head.

Our thoughts wandered to another activity which also took place in the same room—the LSC movies. After

(Continued on page 6)

Frosh And Jay Vee Lights To Hold Trials, Compete Sat.

By Gerald Marwell '57

After watching the lightweight crews in action during practice I came to the conclusion that there's no difference between them and their heavyweight contemporaries except that their boat has to be held under a certain weight limit . . . 155 pounds for the Varsity and Jay Vee and 150 for the Frosh to be exact. Also, the heaviest man in either the Varsity or Jay Vee boat can weigh only 160 lbs. or less while the most corpulent frosh must keep under 155.

Preliminary Lecture

This Friday, I ventured down to the boathouse for my second practice session with the team. The day was to be spent with coach Jack Frailey and his lightweight crews. We all met the lightweights, their coxswains, coach and I, in the rowing practice room. The day was a particularly bad one for attendance; the Freshmen put only one shell on the water instead of their regular two and the Jay Vee's rowed without their regular coxswain, David Lukens, '56 and oarsman Terry Carnay '56.

After the usual preparatory lecture it was out on the river for the afternoon's diet of work. Coach Frailey concentrated his attention on the Frosh and Jay-Vee squads. The main "event" of the day was a mile and three quarters race between the two lightweight crews and the two Freshmen heavyweight shells. But, before this, a warm-up was in order. Much the same routine was followed here as the one I observed Wednesday.

Heavyes Lead.

Assembling in front of the boathouse the four shells lined up, and then, at coach Ron McKay's signal were off. Their orders were to keep a steady stroke of twenty-eight per minute until told otherwise. The second heavyweight boat took an early lead, and, with stroke Len Gleaser pacing them at approximately thirty, kept it. The heavy's number one squad was

right behind them, and they in turn were trailed by the light Jay Vee's and Frosh in that order.

Blood at Stroke

The racing shells skimmed under Harvard Bridge which marked the halfway point of the race. A strong Jay Vee team, despite its injury-ridden condition, more than held its own and even began to gain on the leaders. Tom Blood '56 at stroke, Harry Farrah '55, Charles Billwiller '55, Bob Sawyer, Pete Parsonson, John Cotter, George Winterson, and Phil Harvey, cox'n, all '56, made up this crew.

Frosh Hold Beat

Meanwhile the Freshman shell dropped behind the other three but at the same time was the only one to keep its stroke at the prescribed 28 level. The others were, to varying degrees, somewhat higher. Piloted by Dee Ward and stroked proficiently by Bill Brady, with the assistance of starboard leader Bill Waterson this team gave a better account of itself than the finishing positions indicate.

The race ended near the Boston shore of the Longfellow Bridge with the second heavies in the lead, the "firsts" a length and a quarter behind them, the Jay Vee lights right on their bow, and the Frosh, a couple of lengths behind.

After an appropriate and much-needed rest the shells headed for home. It was dark and the boats were the only disturbance in the sleek lonely waters . . . just as later the guys who rowed them were the only dis-

Leadership Conference

(Continued from page 1)

House Committees, retaining the Dormitory Council as a coordinating committee, much like I.F.C.

The freshman orientation panel considered the problems of improving the quality of freshman weekend, and of increasing freshman spirit. Most members of the panel also agreed that freshman rules should be abolished.

Following a summarizing session, cocktails and dinner, the members met in an informal discussion of various topics of interest. These included the question of how much regulation the activities require, and how this control should be exerted, a discussion of the need for a Student Union, and some debate on the purpose of the conference.

Plan Discrimination Conference

The pair of panels held Sunday morning included a discussion of a proposed conference on discrimination, led by Eldon H. Reiley '55, and a panel on the commuter situation, moderated by Ashton Stocker '55.

It was recommended that the conference concern itself with getting at the edifices that symbolize discrimination and prejudice, not at the individuals themselves, who are not to blame for their feelings.

In regard to the commuters, it was suggested that either a student-faculty

committee, or a committee of commuters investigate the situation, with a view to renovating the present 5:15 Club Room, and later moving to either the main building or the proposed Student Union.

In the afternoon, panels were held on the athletic problems, led by Chan Stevens '55, and on academic atmosphere and student environment, led by John Seiler '55.

The panel on athletics suggested that the Athletic Association be divorced from the Institute Committees and receive its money from the Institute directly. Under this plan, the athletic department, rather than the student managers, would be responsible for scheduling and financing intercollegiate athletics. However, the students would still retain control of intramural and Field Day sports.

Cum Felt Unsatisfactory

Seiler's panel devoted much of its time to a discussion of the cumulative rating. The opinion of most members was that the cum failed to serve its purpose satisfactorily; although it is necessary in some sense, it is being overemphasized. The panel also considered such things as the humanities program, and dormitory open house rules.

It was the general consensus of opinion, both among students and faculty, that the conference provided an excellent opportunity to escape from the worries of the Institute and discuss problems of current interest. Although the conference was designed only to bring out proposals and suggestions, and not to take definite action, the Institute Committee plans to consider many of these same points in forthcoming months.

Beavers Ahead, Before Weather Cancels Sailing

The scheduled regatta between M.I.T., Boston University, Amherst and Vermont was cancelled because of impossible sailing conditions. Before the meet was called off, however, races between Tech and B.U. and Vermont and Amherst were held.

High, gusty winds made the races into a tragicomical affair. After the first M.I.T.-B.U. race went to the Beavers, Ted Garcia '54 was awarded the victory in the second encounter although his centerboard broke and his boat was swamped before he could cross the finish line.

John Rieman '54, Commodore of the Nautical Association and Captain of the sailing team, and Alain deBerc '55 suffered the embarrassing experience of capsizing for the first time each in nine years of sailing. Three B.U. boats capsized also, however, and Tech was awarded second place.

Amherst defeated Vermont in the other race held. In the freshman regatta held last Saturday, Rhode Island placed first. The Engineer frosh were second in this pentagonal meet. One Rhody skipper won all their races and almost single-handedly defeated the far better balanced Tech boatmen.

Case of the dry "oil" well

Not at all unusual, you say? But this well was *purposely* drilled that way! In fact, precautions were taken to see that the well wouldn't contact oil-bearing sands. It was to be a vital part of an elaborate waste-disposal system built into one of Du Pont's new plants near Victoria, Texas. It is an example of the unusual engineering problems which Du Pont technical men encounter.

The "well" itself is almost a mile deep—4900 feet, to be exact. Waste fluids from the plant are forced down this well, to be absorbed by non-oil-bearing sands—far below the level of any surface water. Piping near ground level is in the form of concentric shells, and fresh water is delivered to the annular opening around the waste pipe. Furthermore, the water pressure is higher than that of the fluids in the

waste section. In this way, any leakage in the pipe system causes fresh water to enter the surrounding sands (or the inside waste system) and prevents objectionable materials from reaching the sands at surface levels.

Other interesting procedures are used throughout Du Pont's many plants to guard against river pollution. For example, scientists were asked to make a complete marine-life census on one river before a plant was built nearby. The company wanted to be certain that no waste would be discharged which would challenge the natural pattern of marine life.

Throughout the DuPont Company, wherever there is a need for the services of technical men, there are varied and interesting problems that present a challenge to engineering skill and imagination.

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Naut. Association To Hold Meeting Thursday At Five

The Nautical Association will hold its annual meeting this Thursday, April 15, at 5:00 p.m. in Room 2-390. First on the agenda is the election of officers. Elections must be held to replace outgoing Commodore John Rieman '54 and Vice-Commodore Ted Garcia '54 and to select a new slate of members-at-large of the executive committee. Many other lesser officers must also be selected.

Awards of certificates will be made to the members of the Bosun's Club, the varsity sailing team and to the frosh mariners.

Reports will be made by the various divisions of the association. Commodore Rieman will present the report on varsity sailing. The office of Commodore includes with it the role of captain and coach of the varsity sailing squad. Jake Kerwin, graduate coach of the freshmen, will outline his particular division's activities. Charles S. Robertson '55, Bosun-in-charge of intramurals, will discuss the intramural sailing program. Commodore Rieman will present the general report of the Association and Sailing Master Jack Wood will report on the success of the new dinghy fleet donated last year by alumni interested in sailing.

Beavers Victors In Rugby Tiff, 11-3; Johnson, Gam Star

Led by grad students Chuck Johnson and John Gam, the MIT rugby club crushed the Westmount Club of Montreal, 11-3, revenging an earlier defeat at the hands of the Canadians.

Johnson, a former Wisconsin football player, scored a try, the rugby equivalent of a football touchdown and Gam converted to give the Techmen a 5-0 first half lead.

Westmount countered with a penalty

Varsity Stickmen Bow To B.L.C., Frosh Open Wed.

The Engineer lacrosse team, rounding into shape after a successful southern tour, dropped a 9-3 decision to the Boston Lacrosse Club in a scrimmage Saturday at Briggs Field. The B.L.C.'s shattered a 3-3 deadlock with a six goal spurge in the third and fourth quarters.

The game was close throughout the first two periods because of the strong Tech defense which continually kept the powerful Cougar offense from penetrating the goal. Joe Bova '54, Tech goalie, did a particularly fine job in the nets.

The scorers for MIT were Walt Frey '56, who scored two goals, and Pete "Leaky" Dyke '56 who chipped in with one. Other Tech standouts were Aristides Miliotes '54, Dave Brooks '55, Bill Nance '54 and Dick Toothy '55. Because this was a non-league tiff, Coach Ben Martin substituted freely and most of the visitor's scores came while the Tech second-stringers were in the line-up.

The Boston Lacrosse Club is composed of former college lacrosse standouts. The Engineers did a fine job against a far more experienced outfit. From here the Beavers move to Tufts, Wednesday, where they play their fourth league contest.

The freshmen appear fairly green but show hustle and eagerness to learn. Under the able Jim West, the frosh, most of whom have no previous lacrosse experience, have been learning the fundamentals of the game. They have been gaining valuable experience for the rugged campaign ahead. The most promising of the Beaver frosh seem to be attackmen Ed Hasselman and "Pancho" Gonzales. The defense of Lee Bredbenner, Tom Stewart and Dick Child has looked very good. Dave Marks has been playing excellently in the midfield.

This Wednesday the frosh open their six game slate against Lawrence Academy.

kick early in the second period to narrow the gap to two points, 5-3. Johnson scored again. His try brought the score to 8-3. Gam, who has been

Westmount countered with a penalty



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Engineer Nine To Face Harvard, Hauser Hurls GBI Opener Today

By Paul Jay Goldin

When Tech takes the field this Tuesday against the Crimson of Harvard in the opening game of the local Greater Boston Collegiate Baseball league, they will be pitting the finest M.I.T. nine in recent years against a six year jinx. In the six years that Tech has engaged in intercollegiate baseball, they have failed every time to hang a defeat on John Harvard.

Harvard's coach, Stuffy McInnis, former Philadelphia Athletic great, is expected to make things tough for the Beavers by leading with his fire-balling right-hander, and bellweather of the staff, Andy Ward. Ward, a standout on a recent 8-game Southern trip, has already registered an impressive win over a strong University of Virginia nine. Ward is backed up by a team which has a three game edge in experience on the Techmen. The Beavers have had most of their workouts in the confines of Rockwell Cage.

Hauser Hurler

The Engineers, however, are confident they can register their first win over Harvard in the series history. Coach Roy Merritt will send to the hill his ace right-hander, Al Hauser '55. Hauser, who last year went undefeated in three GBI encounters, is being counted on heavily to show the way for a relatively inexperienced mound staff. Since this will be the Merrittmen's opening game, it is expected that sophomore standouts Dick Skaudahl and Dick Fehnel will follow Hauser to the mound.

Coach Merritt is counting heavily on a veteran infield and outfield to give the stickers a successful season. Captain Bob Lait '54, a fine fielding and hitting third-baseman, is one of the keys to the Tech season. Last year,

a member of the Australian National Rugby Team, roughly the equivalent of an All-American selection, iced the game with a penalty kick, and the contest ended with the score, 11-3, in favor of the Engineer outfit.

Joe Walsh and former V.M.I. footballer Ted Mariari were outstanding in the victory of the M.I.T. Club. The win brought their record to two wins and one loss.

Lait slumped from his usual .300 plus batting average but continued his excellent fielding throughout the campaign. Coach Merritt expects Lait to come through in his 1952 form and hit well over .320.

Holding down the keystone sack for the second straight year is senior Dick Morganstern, a slick-fielding infielder. Morganstern is slated to fill the leadoff position in the lineup. Although he is not noted for his power, Morganstern has a good eye and has a knack of getting on base.

Peterson At Short

Teaming up with Morganstern and perhaps holding the key to the Tech infield is a Dennison transfer student, DuWayne Peterson. Peterson, ineligible last year due to the one-year transfer rule, has looked extremely good in practice. He is very fast and can range far to either side to scoop up apparent base hits. Peterson is also a long ball hitter and should supply a good deal of the power in the number three batting slot.

Paul Valerio '54, last year's first string catcher, has perhaps been called upon to make the toughest switch of any of the players. With the loss of all-league first baseman Ben Sack, due to graduation, Valerio has been slated to fill the gap. Although relatively inexperienced at the position, Valerio has performed adequately. Valerio's big value will come as a sticker, however, and he should supply most of the team's long-ball hitting.

Turning to the outfield, we find three veteran lettermen, two of whom are converted pitchers. The only outfield holdover from last year is center fielder Bob White '54. White, a left-fielder for the past two seasons, has made the switch over to center with ease. He possesses a powerful arm and can cover acres of ground.

Weber Switched

In left field is Giff Weber, the rangy basketball forward. Weber, a star-reliever of last season, has moved to the outfield on the basis of his heavy sticking and powerful throwing arm. With several weeks of practice under his belt, Weber continues to look more and more at home in the outer pastures.

Completing the outfield is Ted Slozek '54, the right-fielder. Slozek, also a converted pitcher, has impressed Coach Merritt with his steady fielding and hitting. Slozek should help give the Beavers a good defensive outfield boasting three excellent throwing arms.

It's an old maxim that a team is only as strong as its pitching makes it. This should be borne out this year when Coach Merritt must depend on four relatively inexperienced hurlers in addition to his ace, Hauser. Dick Skaudahl, a slender 127 pound southpaw with lots of whip in his arm, is being counted on heavily to carry a good share of the pitching burden. Skaudahl, hampered with a sore arm last year, has a fine curve and is fairly fast.

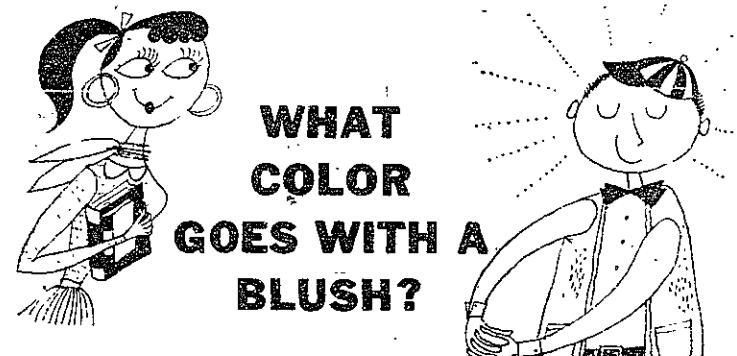
Two other sophs expected to turn in good performances are Dick Fehnel and Marsh Rogan. Fehnel, a pitcher who relies almost entirely on a blazing fast-ball is highly regarded by Merritt. Fehnel, whose main drawback is lack of experience, will probably get his first taste of intercollegiate play against Harvard.

Rogan, the bulwark of the frosh nine last year, is a good workman who can pitch almost every day. Last season, Rogan went to the mound in practically every contest the frosh played. Coach Merritt has not been able to get too good a line on Rogan's ability, however, since he has been hampered by classes to five every day.

Goldner Behind Plate

Filling out the nine is Ron Goldner '56, the catcher. Goldner is the big question mark in the Beaver defense. Rated a fine defensive operator with an excellent throwing arm, Goldner's only faults will be lack of experience and weak hitting. Coach Merritt has thought enough of Ron's ability, however, to move his regular catcher, Valerio, to first base.

Tech will have good up-the-middle strength, a necessity for any good nine. A top-notch double-play combination along with good pitching, catching, and a fleet center-fielder, should make for a good season. The third base situation is well in hand but relatively inexperienced players at first base, left and right field could prove sore points. Coach Merritt feels, however, that the team will mold into Tech's finest nine after a few games under its belt.



A modest little freshman named Caspar Doyle found himself getting quite neurotic. It seemed that every time a girl looked at Caspar, he blushed. His sallow little cheeks turned a violent crimson. Then he would blush more because he was blushing.

He didn't get very far with the ladies and began brooding. Fortunately, he was a wealthy modest little freshman, and he finally bundled his problem off to a psychiatrist.

"I even hate my shirts. I know when I wear a white shirt it's only going to make my blush look redder," he dolefully intoned from the couch.

The head-shrinker's eyes lit up with dollar signs. He said: "Ahem. This trauma is obviously deep-seated and will take a long time to unravel. But meanwhile, try wearing some Vanahue shirts. Van Heusen makes them in lots of colors that will tone down your blush and you're bound to like the smart new collar styles. For your practical side, they're fine smooth broadcloth, color fast and Sanforized. See my nurse for the bill, please!"

Caspar bought Vanahue in all the colors and smart new collar styles for \$3.95 each. It worked. So many of the girls look at him now, he blushes constantly. Everybody thinks he just looks rugged and virile.



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M.I.T. Humanities Series Concert
by
Charles Rosen, pianist
Sunday, April 11, 1954
Huntington Hall
Program

Fugue in E minor.....Handel
Sonata in B minor, Op. 58.....Chopin
Suite, Op. 25.....Schoenberg
Gaspard de la nuit.....Ravel

Sunday afternoon, an M.I.T. audience had the privilege of hearing an outstanding piano recital by Professor Charles Rosen. Professor Rosen is a person who needs little introduction to students at the Institute, since he is one of their teaching staff, and since many recently heard him perform in Sanders Theater with the Symphony Orchestra.

Baseball

(Continued from page 5)

A big turnout for today's opener on Briggs Field at 3:30 p.m. would help give the team a lift. The Merrittmen have been pointing to this game for several weeks and have high hopes of avenging last year's 8-2 loss to Harvard. Probable starting lineup:

Morganstern 2b
White cf
Peterson ss
Valerio 1b
Lait 3b
Weber lf
Slozek rf
Goldner c
Hauser p

Lounger

(Continued from page 3)

attending several of them, we came to the conclusion that the operators of the projectors were either sadists, masochists, or both. It seemed that whenever the spy was about to jump off the roof, or the hero was about to open a booby-trapped door, the film broke. The audience would shout curses at the operators, and in due time the film would start up again—without sound. Whether the operators enjoyed being cursed at, we were never able to determine, but whenever a film was being shown in Room 10-250, it was a three-to-one bet that the film would break at least four times, and the sound would fail at least twice.

Our reflections were interrupted by the harsh ringing of the bell. We pushed our way through the mass of sleeping bodies towards the door, and bid Room 10-250 adieu until the next week.

International Studies

(Continued from page 1)

of American businessmen on the issue of U. S. foreign trade policy, of influential Frenchmen on European integration, and of Indian leaders on relations between Asia and the rest of the world.

The Center is also seeking to focus available knowledge of countries within the Soviet orbit on problems pertinent to the East-West conflict.

Early Conclusions

Early in its existence, the men directing the work of the Center reached certain conclusions about the possible directions U. S. foreign policy could take. These conclusions are summarized in excerpts from one of the Center's reports: "Some of us became convinced that there was a limit to what could be achieved in the pursuit of our objective of a free and stable world by what is narrowly defined as psychological warfare. The notion that propaganda alone, however skillfully devised, could crack the power or alter the direction of the Kremlin seemed to us incorrect . . . We became convinced, as have so many others, that our strongest psychological weapon was our potential ability to help the nations of the free world achieve political stability by helping them to expand their productivity and standards of living."

SUMMER SESSION CATALOGUE

Starting today, copies of the Summer Session Catalogue will be available in the Information Office. This book will list, and give schedules for, all subjects to be given during the 1954 Summer Session, including the special summer programs.

Sunday, however, they had the opportunity to hear him play a full hour of music, unaccompanied, and it was a fine hour indeed. Before the afternoon was over, the enthusiastic audience had called him back for three encores.

A very young man, Prof. Rosen displayed in full his fine, delicate tone, his keen sense of interpretation, and his amazingly perfect technique, which prompted the New York Tribune's

critic, Virgil Thompson, to refer to him as a "Harold Teep turned Horowitz."

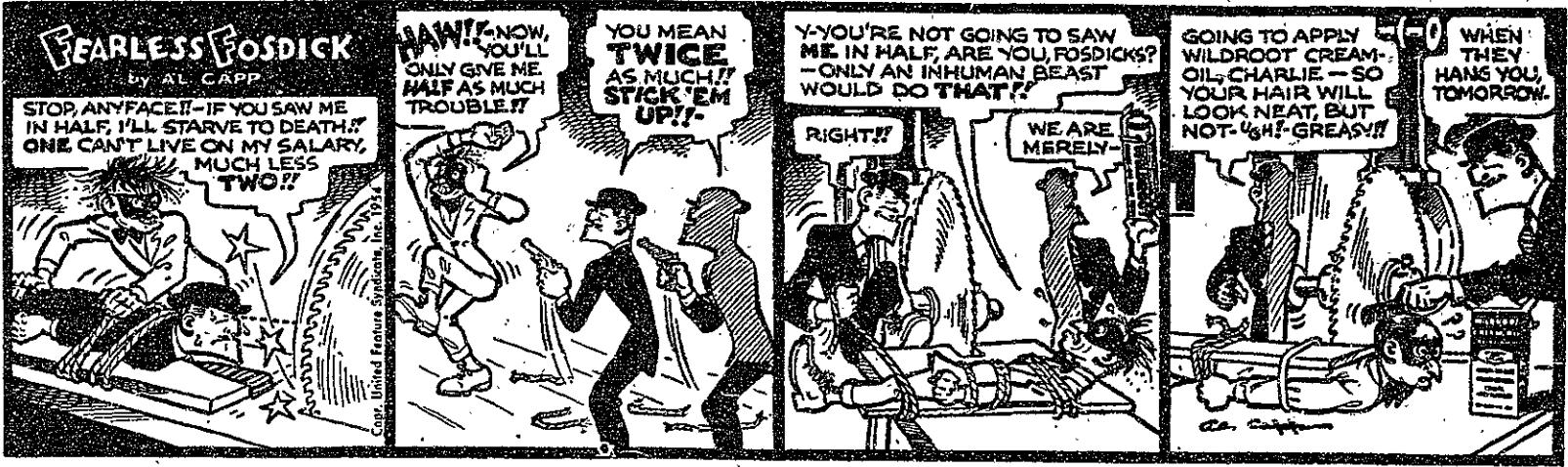
Prof. Rosen, a pupil of the noted concert pianist Robert Casadesus, showed himself just as able to handle Schoenberg as he could Ravel and Handel. The *Fugue in E minor* sounded in all its intricate fullness as fine as the Ravel sounded in its rapidly flowing impressionism. The Schoenberg, a very difficult piece to under-

stand, let alone interpret, was done quite well, as was the beautiful Chopin sonata.

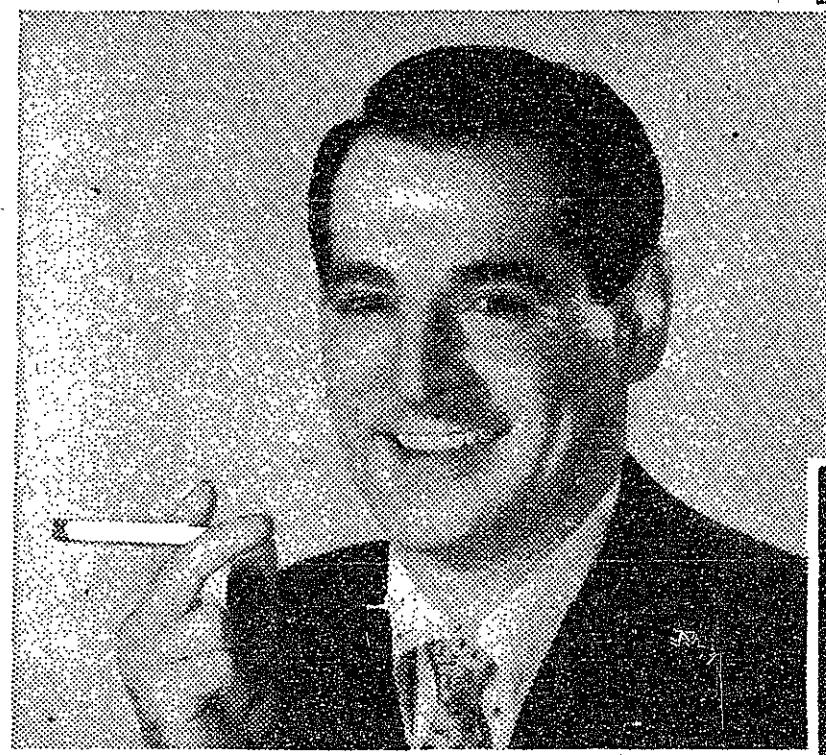
There was only one drawback to the concert, and this perhaps is the reason why Prof. Rosen is not on the concert stage. The man, who displays all the impetuosity and vigor of youth, cannot quite seem to put the maturity, the deep understanding of the meaning of the notes, into his performances. On the surface, his playing is

flawless and full of beauty, but deep down it lacks the emotion, the wisdom and the conviction; it tends to be too mechanical. He is unable to get the thought and feeling of the composition to communicate with the listener.

It was very gratifying indeed to observe that certain previous complaints against the mechanical operation of the concert and of the "concert hall" were eliminated. D.B.S.



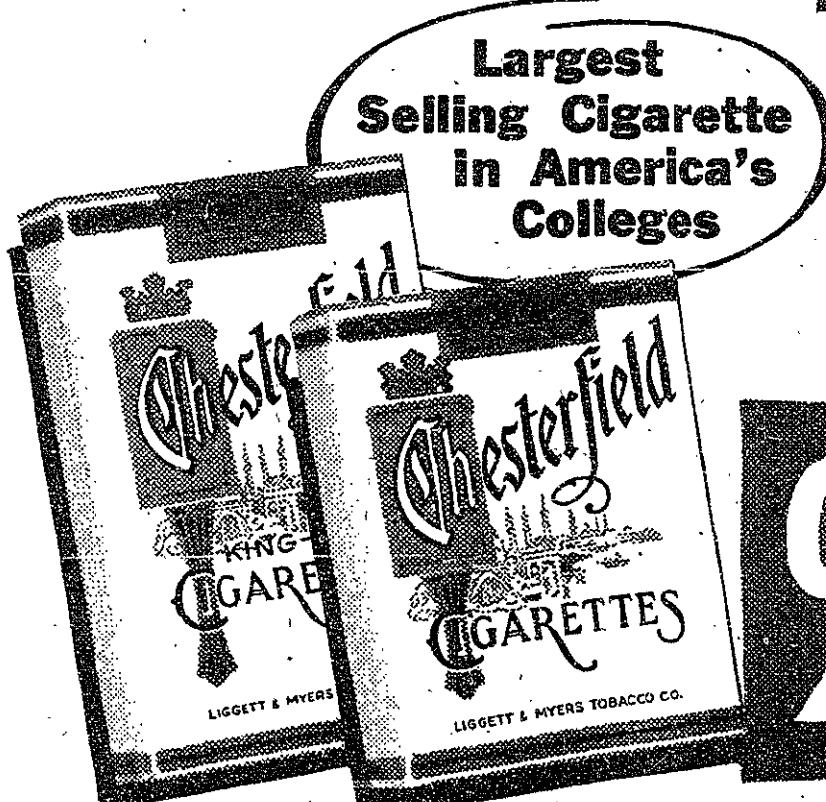
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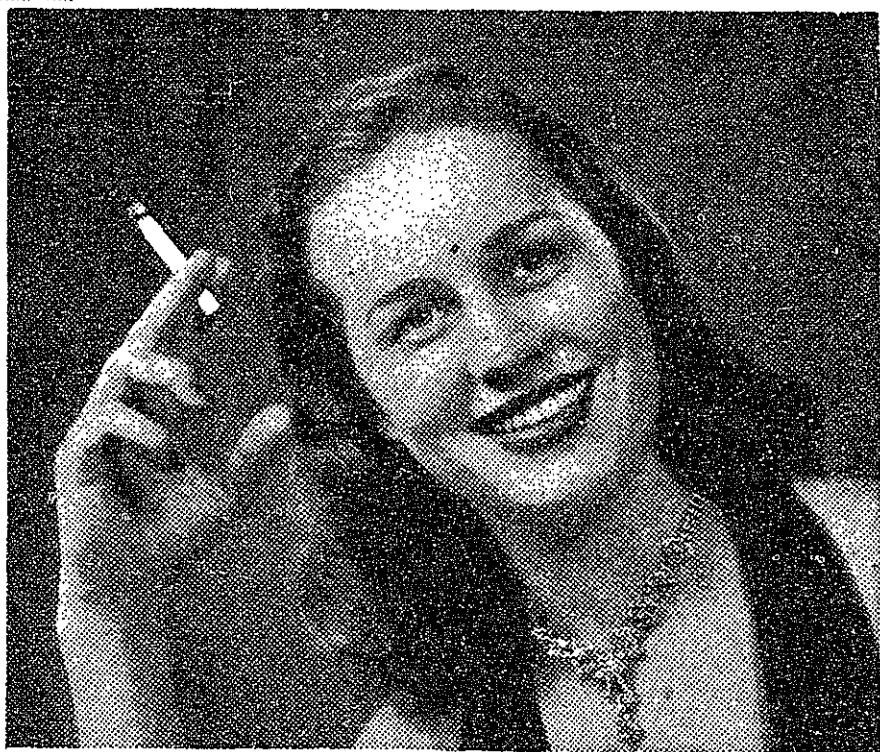


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